

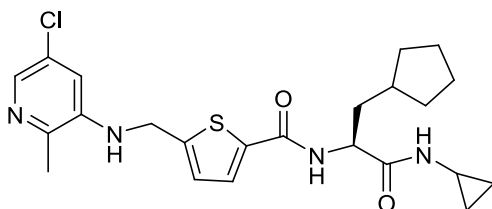


Northeast Business Center

7301 E. 90th Street, Suite 117, Indianapolis, IN 46256, USA

Phone: 317.598.0828 Fax: 317.598.0835 www.chemietek.com

Certificate of Analysis



| | |
|----------------------|---|
| Product Name: | GSK2830371 |
| IUPAC Name: | (S)-5-(((5-chloro-2-methylpyridin-3-yl)amino)methyl)thiophene-2-carboxamide N-(3-cyclopentyl-1-(cyclopropylamino)-1-oxopropan-2-yl) |
| Synonym: | NA |
| CAS No: | 1404456-53-6 |
| Prod. No: | CT-GSK283 |
| Lot No: | 01 |
| Mol. Formula | C ₂₃ H ₂₉ ClN ₄ O ₂ S |
| Mol. Wt. | 461.02 |
| Solubility | Soluble in DMSO |
| Storage | Store at 0 °C (short term), -20 °C (long term), desiccated |

| | |
|----------------------------|---|
| Appearance | Off-white to pale yellow powder |
| Quality Control | MS: [✓] ¹ HNMR: [✓] HPLC: [✓] Chiral HPLC: [✓] Quantitative Elemental Analysis: [✓] C ₂₃ H ₂₉ ClN ₄ O ₂ S Calculated: C: 59.92%; H: 6.34%; N: 12.15% Found: C: 59.88%; H: 6.35%; N: 12.09% |
| Loss on Drying | < 0.2% |
| Chemical Purity | 99% (HPLC at 220 and 254 nm) |
| Optical Purity (ee) | >99% (Chiral HPLC) |